



Image Courtesy of Rhatigan Architects

HOURS SAVED*
HOURS

EMBODIED CO₂ SAVED
KG

MATERIAL WEIGHT SAVED
KG

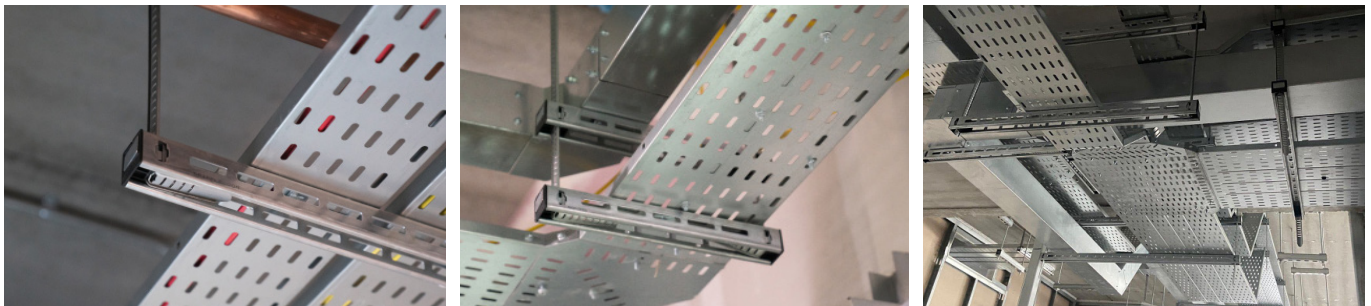
Gripple Fast Trak was selected for the suspension of electrical containment on site at this hospital extension project in Galway, Ireland. By using [Fast Trak](#), installers from H&F Electrical have been able to save a considerable cost and labour savings on-site, whilst also increasing carbon efficiencies and minimising health and safety concerns.

Project Summary

Main contractor	Boyle Construction
Subcontractor	H&F Electrical Contractors Ltd
Building Type	Healthcare
Services	Electrical Containment

Featured Products

<p>Fast Trak</p>	<p>Concrete Screw</p>
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“By using Fast Trak, we’ve been able to save a considerable amount of time on the installation and I would definitely recommend the Fast Trak system to others”.

Installer - H&F Electrical Contractors Ltd

SAVING SUMMARY

	Gripple solution	Traditional method
Overview	Fast Trak and Concrete Screws	Channel, threaded rod and channel nuts
Installation Time	kg	kg
Total Material Weight	hours	hours
Total embodied CO ₂	kg	kg
Total labour cost	£	£

*Data taken from the following sources:
BSRIA guide 'The Inventory of Carbon & Energy'. Channel based on typical weight and Embodied Carbon value for recycled ROW construction.
Threaded Rod Weight Taken from DIN975 Document 'http://www.dinstock.com/useruploads/files/threaded_rods_din975.pdf'
Embodied CO₂ Constant Multiplier (kg CO₂/ kg material) Taken From ICE (Inventory of Carbon and Energy) Document
Author: Dr. Craig Jones & Professor Geoffre Hammond. Version: V3.0 = 10 Nov 2019 http://www.circularrecology.com/embodied-energy-and-carbon-footprint-database.html

*Figure based on one installer working for eight hours a day



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PROJECT DETAILS

This hospital extension project in Galway, Ireland, involves the delivery of two Orthopaedic Theatres spread over two floors as an extension to the original hospital building. The building will provide modern, purpose-built orthopaedic theatres to serve the needs of Galway and the surrounding regions.

Gripplle Fast Trak was selected for the suspension of electrical containment on site. The quick bracket suspension solution was selected as it helps to reduce labour intensive on-site activity associated with traditional suspension systems. Fast Trak is a pre-fabricated, off-site solution which vastly simplifies the installation of cable containment, pipework and ductwork in building services applications.

An Installer from H&F Electrical Contractors stated: "With the tight programme we have we needed something we could get in quickly, so Fast Trak fits the bill. The services we've installed using Fast Trak has been containment, tray, basket, trunking. By using Fast Trak, we've been able to save a considerable amount of time on the installation and I would definitely recommend the Fast Trak system to others".

Fast Trak was developed to increase speed and flexibility on site. One of the new features of Fast Trak allows installers to use the bracket in any orientation, the marker points on the end of the brackets are useful to help to mark up where your fixing points are, and also the new tracks are a lot more rigid and stronger than the previous version. These have all been useful attributes for the project at Merlin University Hospital. The multi-tiered functionality of the updated Fast Trak has been utilised on this project. The ability to go top and bottom of the bracket along with using different tiers for different containment has again helped with flexibility and cost savings.

Gripplle worked with Core Distribution in Ireland to help deliver this project and the relationship between the businesses has been very successful. Bernard Carroll, Technical Sales Executive at Core Distribution: "The product is fantastic. The reaction that we have received from electrical contractors on-site has been phenomenal. Labour savings and time savings are major factors with the project timelines currently, so once we brought the product at the design stage to the contractors, the decision to use Fast Trak is a no-brainer.

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Technical Sales Executive - Core Distribution

